

Fig. 7

▲ Nb<sub>3</sub>Sn/Lead

- Nb<sub>3</sub>Sn/Indium
- O Nb<sub>3</sub>Sn/Aluminum
- Nb<sub>3</sub>Sn/Silver

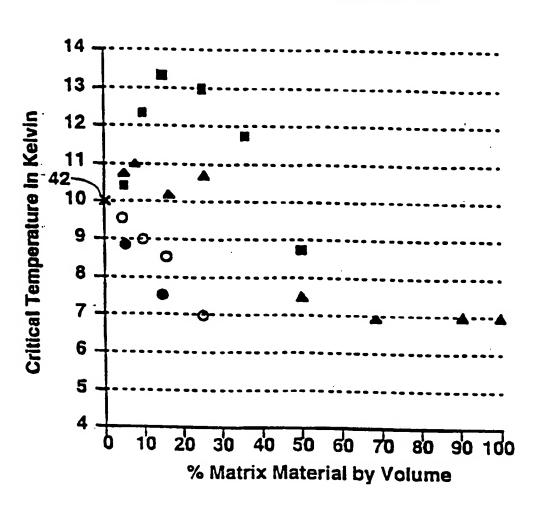
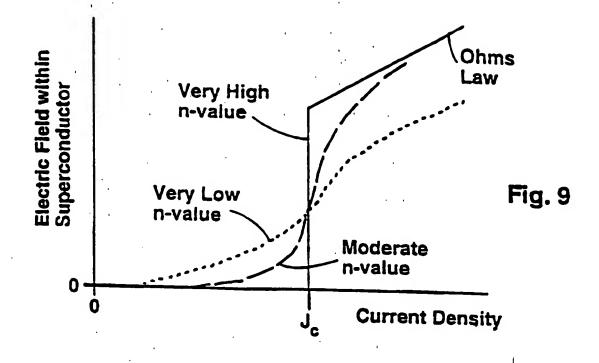
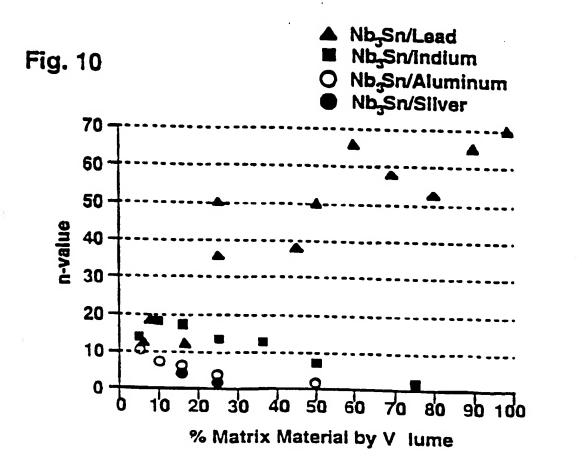


Fig. 8





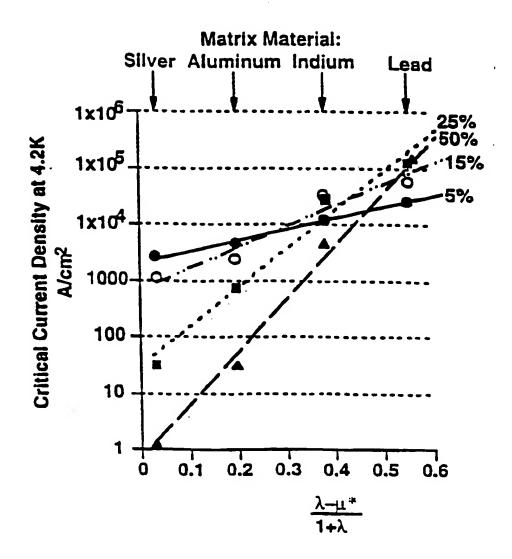
► — 50% by Volume Matrix

25% by Volume Matrix

O — ........ 15% by Volume Matrix

Fig. 11

• 5% by Volume Matrix



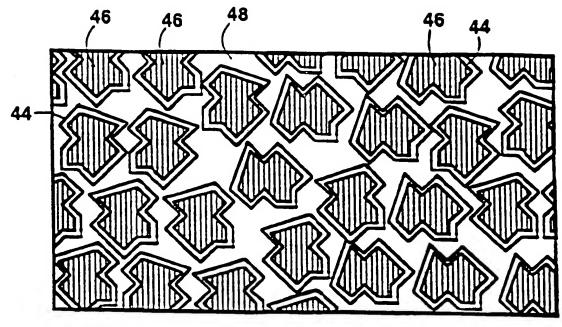
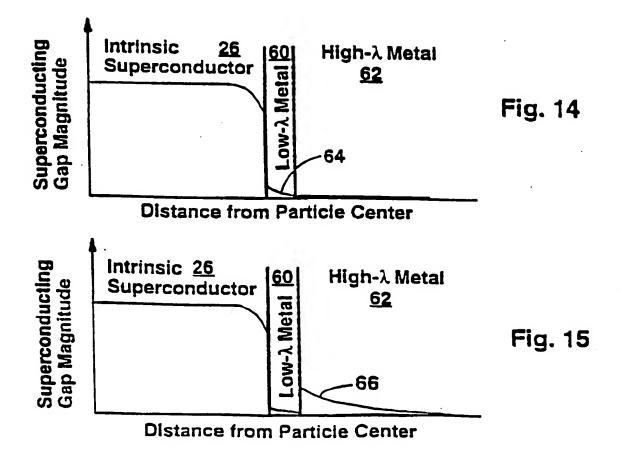


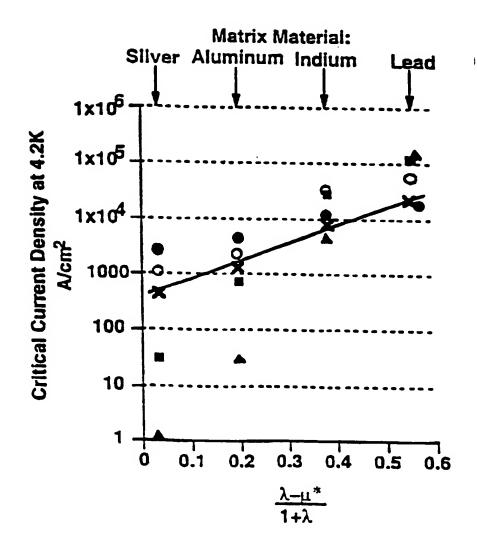
Fig. 12



▲ 50% by Volume Matrix

- 25% by Volume Matrix
- ○15% by Volume Matrix
- 5% by Volume Matrix
- Nb<sub>3</sub>Sn particles coated with silver. Silver coating is about 5% by volume. Matrix material is about 15% by volume.

Fig. 13



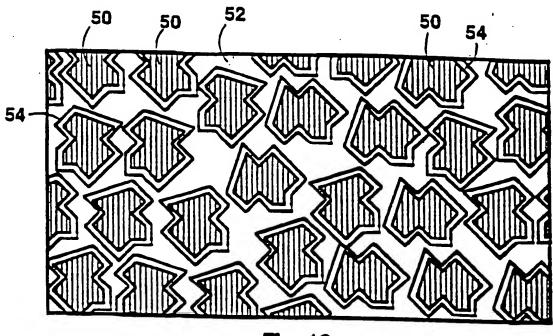
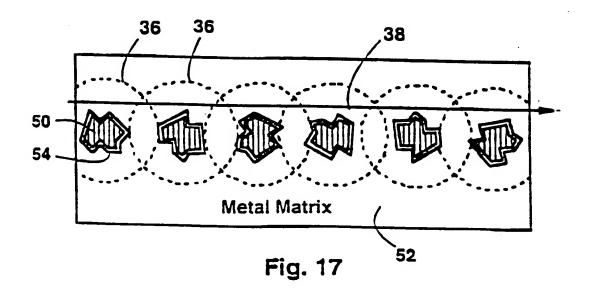
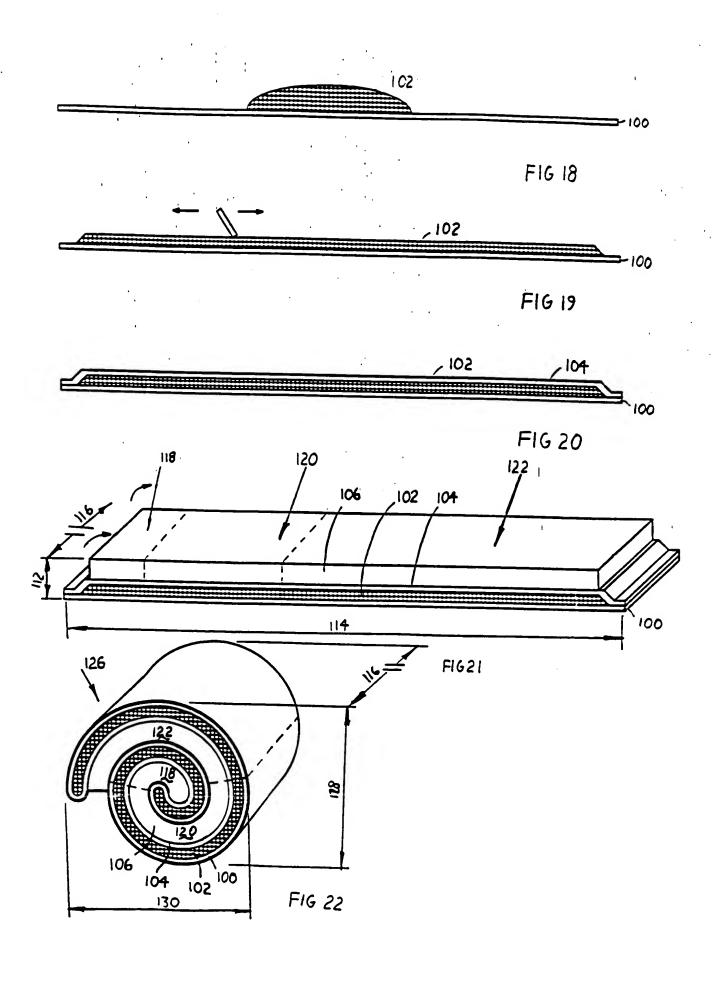
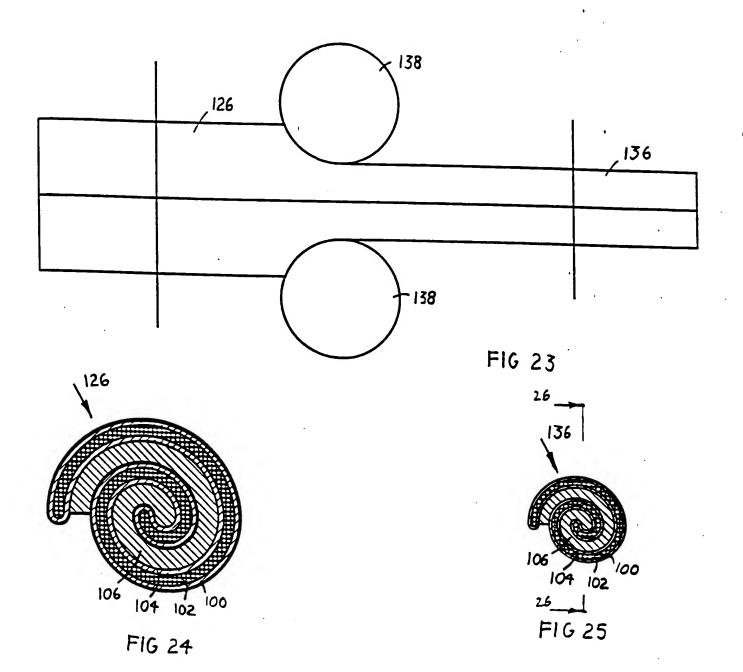


Fig. 16







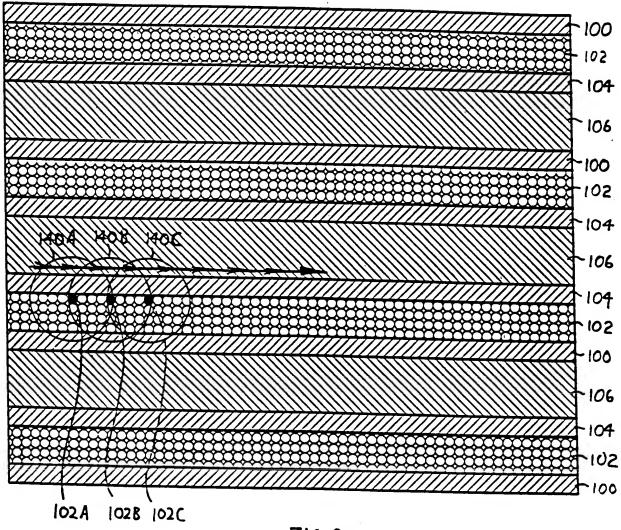


FIG 26

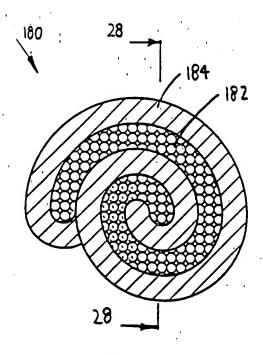


FIG 27

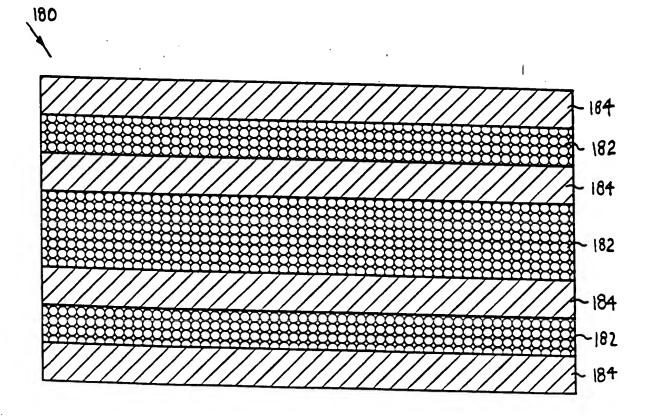
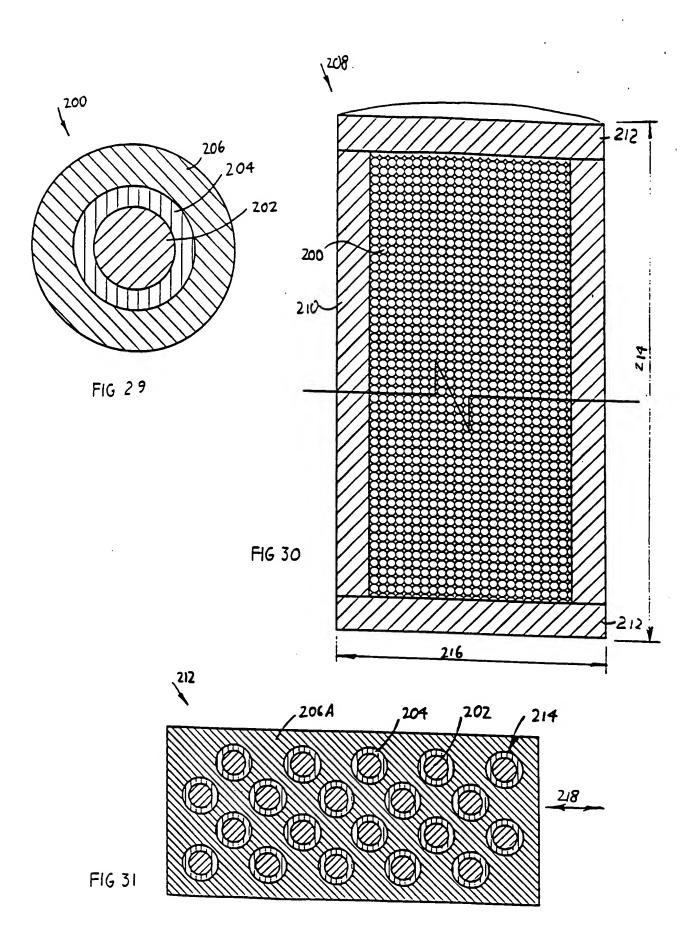
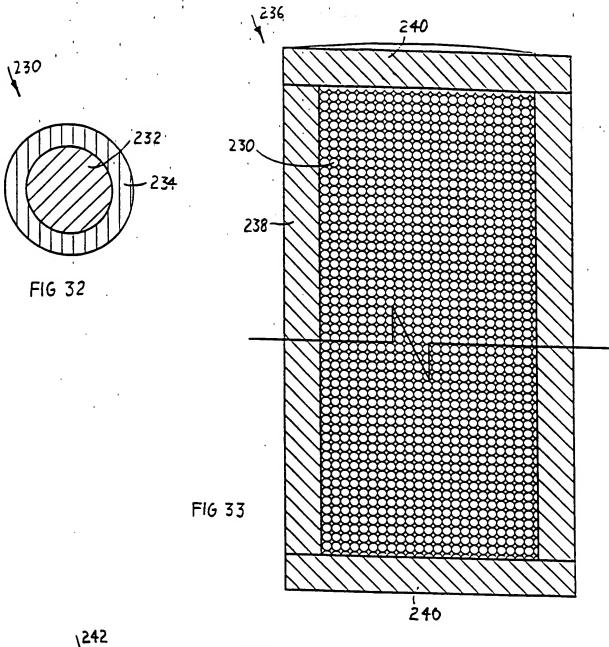
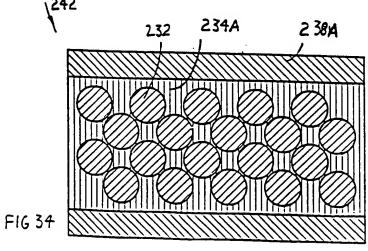
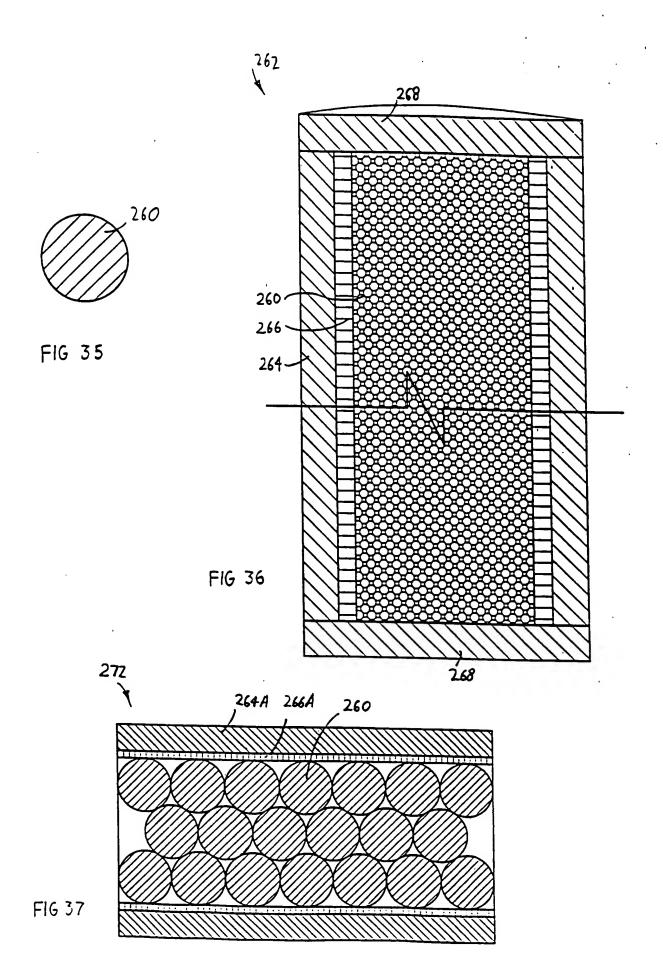


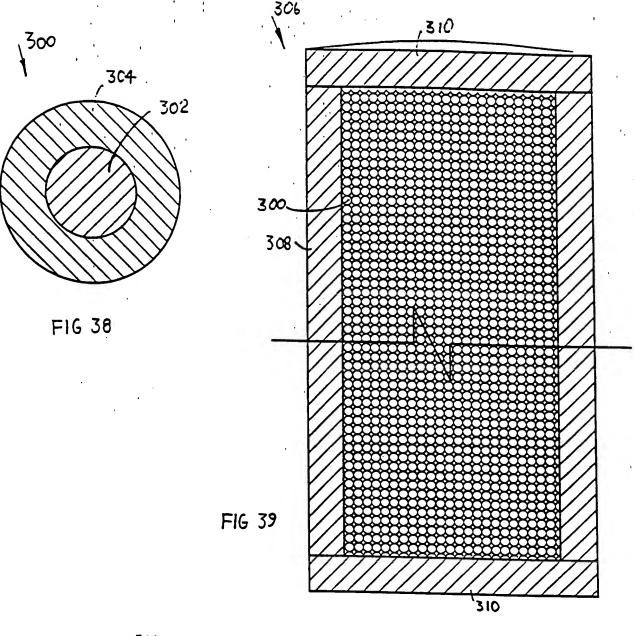
FIG 28

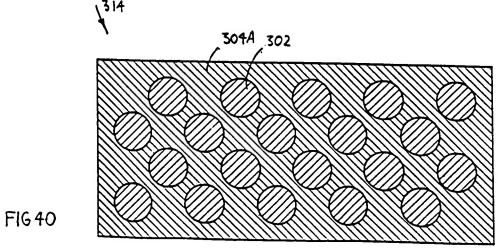


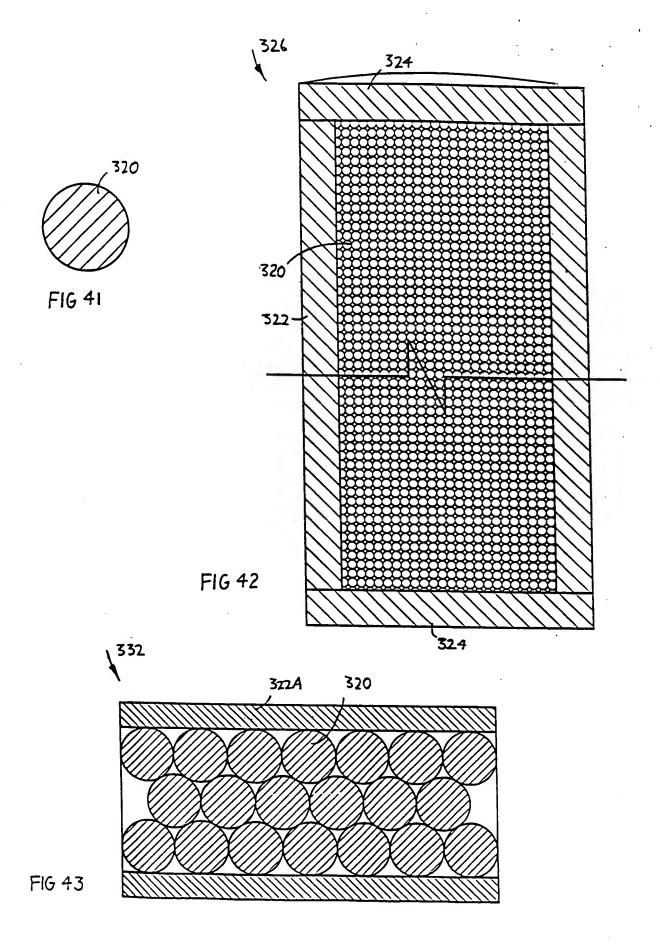




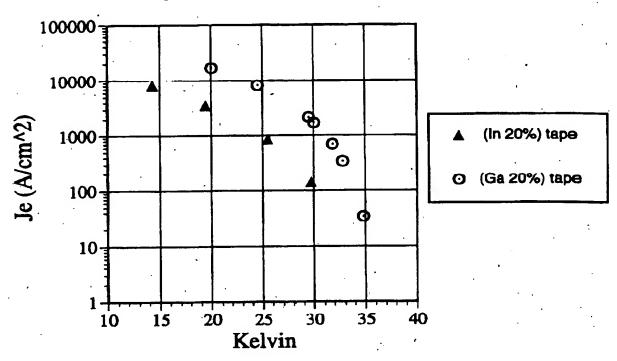








ENGINEERING CURRENT DENSITY VS TEMPERATURE FOR MgB2/In (20% BY VOLUME) AND MgB2/Ga (20% BY VOLUME) SMMC TAPE



F1G 44